BRUHATH BANGALORE MAHANAGARA PALIKE, Electrical Divisions

Form For Extra Item Rate List (Form No PWD-71 Pargraph 195 MPWD Code

Modified Estimate And Change Of Work of Construction of Electrical timer cables and power saving arrangements with all accessories in Ward No 4

Estimated Cost : Rs.19.98 L
Agency : M/s.Ramva Electricals
W.O No:
Ag. No : 167/12-13 Date:-30-11-2012
EEYNK-D)/E-Tend-05/W.O/167/2012-13
Tender Premium : SR rate

Sl No	Description Of Work	Unit	Asper Qty	Rate	Amount	Whether the Items are alternative to the Item in the Tender, whether these are additional Items or sometimes in Accepted Tender	Whether the extra Items are included in the Sanctioned Estimate	How the extra cost of the Item is proposed to be met	Whether the Item is included in the SR	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. c) 5-32 Amps DP1) Group 'A'	Each	80	510.00	40800.00	Yes	No	Savings	Yes	
2	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., completeb) 32 Amps	Each	80	100.00	8000.00	Yes	No	Savings	Yes	
3	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV Classl. Class 'A' PVC Cable f) 3.5 core 35sqmm	per mtr	300	250.00	75000.00	Yes	No	Savings	Yes	
	e) 3.5 core 25sqmm	per mtr	56	215.00	12040.00	Yes	No	Savings	Yes	
4	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required II. On wall /Structure b) 25 sqmm to 75 sqmm	Rmtr	356	11.00	3916.00	Yes	No	Savings	Yes	

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1	2	3	4	5	6	7	8	9	10	11
5	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cabe in open or consealed system of wiring. I Group A Materials. c) 2.5 sqmm	mtr	700	25.00	17500.00	Yes	No	Savings	Yes	
	d) 4 sqmm	mtr	100	32.00	3200.00	Yes	No	Savings	Yes	
6	Fabricating, supplying and erecting swaged tubular pole of height Mtr having three sections and providing two coats of re oxide paint and finished with two coats of enameled paint of approved quality and colour and M.S. Base plate of suitable size welded at the bottom of the pole (as per IS) and 40 mm dia GI/flexible PVC pipe of 1 Mtr Length fitted to the heavy gauge polycarbonate control box including 5 way connector of size 167x125x82mm for 7.5 M pole/ 200x160x98 mm for remaining length of pole with front opening cover. with locking arrangements and suitable capacity MCB/DP Switch. The pole shall be erected n cement concrete work(1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be upto 0.6M above ground level as per IS 2713-7.I. Erection of light duty pole on-Foot path a) 7.5 Mt (4.5Mt Hb 114.3mm dia 4.5mm thick x 1.5M Hm.88.9mm dia 4.50mm thick x 1.5M Ht. 76.1mm dia 3.25mm thick) as per IS 410 SP 5 (Base plate of size 300X300X6mm) -KPWD ELE SR 2007-08	Each	15	9000.00	135000.00	Yes	No	Savings	Yes	

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1	2	3	4	5	6	7	8	9	10	11
7	Supplying and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and shall be mounted on Octogonal pole using necessary bolts, nuts, etc., complete a) Single Arm Bracket with 1000mm Standard	Each	15	1650.00	24750.00	Yes	No	Savings	Yes	
8	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class : a. 40 mm	Rmtr	10	240.00	2400.00	Yes	No	Savings	Yes	
9	Supply and Installation/Fixing /Provision for mounting of HRC Fuse /MCB with suitable connector/teminal for 3 Ph/1 Ph connections with Loop-in & Loop-Out terminals for 10 Sqmm/25 sqmm 3.5 C AI/AR/Cu/AR Cable and branchout 2.5 Sqmm 2 Core AI/Cu PVC insulated cable, enclosure, which should be shock proof, safe IP 65 (Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP 65 Thermoplastic, Polyamide glands and /or grommets. b) 260x210x116mm	Each	20	1570.00	31400.00	Yes	No	Savings	Yes	
10	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB 1-2, P-7)b. In hard Soil	Rmtr	40	50.00	2000.00	Yes	No	Savings	Yes	
	d. Asphalt cutting	Rmtr	10	80.00	800.00	Yes	No	Savings	Yes	

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1	2	3	4	5	6	7	8	9	10	11
11	Supplying, fixing wiring earth electrode for gounding conduits, I.C.Cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI 2.5 mtr long buried in a pit. . the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12 mm dia.	Each	2	1950.00	3900.00	Yes	No	Savings	Yes	
12	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc c. 25 Sqmm	Each	2	286.00	572.00	Yes	No	Savings	Yes	
13	Supplying and Fixing 4 Nos of 590 mm length High Yield Tensile Cold Rolled Pitched threads (680 N/sq mm) 27 mm Bolt dia (Mkt Rate)	Nos	3	1350.00	4050.00	Yes	No	Savings	Yes	
14	Hire Charges Components for Crane Charges . crane 80 tonnes Sl no 86, code no 1311, Page No XXXX, KPWD SR CIVIL 2012-13	hr	12	866.00	10392.00	Yes	No	Savings	Yes	
15	Material Components for Trailor 30 tonne capacity ,Sl no821, Page No XXIX, KPWD SR CIVIL 2012-13	hr	4	1000.00	4000.00	Yes	No	Savings	Yes	

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16	Releasing and Re-Fixing halogen/metal halide/SVL/IL floodlight fitting over existing pole/wall ceiling including clamps ,bolts ,nuts and wiring using suitable capacity wires complete i.e Rs=130.00 for fixing & 0.9 of Rs=130.0	Each	12	247.00	2964.00	Yes	No	Savings	Yes	
17	Supplying and drawing PVC flexible unarmoured copper control cable of approved make f:) 8c x 2.5Sqmm.1 Group A	Per mtr	24	316.00	7584.00	Yes	No	Savings	Yes	
18	Casting of suitable foundation for the 16/20 mtr High mast including designing and cost of all materials like Anchor plates,Template and washers labour charges, all other incidental charges etc,. complete as per specification and Drawing given in KPWD elect SR 2010-11(P.No 107) Detailed Calculation as per CIVIL SR items Enclosed	Each	1	26914.00	26914.00	Yes	No	Savings	Yes	
19	Supply and fixing of 70 Watts heavy duty open construction ferromagnetic copper ballast for HPSV/HPMH lampsd) 400 Watts1. Group A	Each	3	1680.00	5040.00	Yes	No	Savings	Yes	
20	Supplying and fixing of HPMH lamps on existing fitting mounted on tubular polel) Single end d) 400 Watts	Each	6	1152.00	6912.00	Yes	No	Savings	Yes	
21	Supplying and and fixing/replacement of ignitor suitable for 70 to 400 watts SV/MH fittings	Each	6	520.00	3120.00	Yes	No	Savings	Yes	
22	Material Components for Anchor Plates (IS 2062) Sl no 423, code no 0712, Page No XIV, KPWD SR CIVIL 2012-13	Each	2	705.00	1410.00	Yes	No	Savings	Yes	

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39	Fixing of Universal Hook Bolt, nut etc.,	No	10	102.00	1020.00	Yes	No	Savings	Yes	
40	Fixing of RCC pole clamp-(154mmx95 clamps) to fix the universal hook	No	10	39.00	390.00	Yes	No	Savings	Yes	
41	Fixing of Deadend clamp/Anchor clamps assembly	No	4	136.00	544.00	Yes	No	Savings	Yes	
42	Fixing of Suspension Clamp assembly	No	4	102.00	408.00	Yes	No	Savings	Yes	
43	Installation of Bare to LV ABC connector - Type :-CDR/CN 1S 95UK	No	6	118.00	708.00	Yes	No	Savings	Yes	
44	Installation of Straight joint(Full Tension) suitable for 70 Sqmm,LT.AB cable -MJPT Type	No	3	113.00	339.00	Yes	No	Savings	Yes	
45	Releasing and Refixing of Service mains SR page No 10 Rs 25 Per connection	No	45	30.00	1350.00	Yes	No	Savings	Yes	
46	Releasing of Pin Insulator	No	12	50.00	600.00	Yes	No	Savings	Yes	
			Total		**572167.00**					

Note : **The Extra Rate List amount of Rs.5,72,167.00 (Rupees Five lakh seventy two thousand one hundred sixty seven RupeesOnly)**

Junior Asst Engineer (Ele),
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Asst. Exe. Engineer (ele)
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Chief Engineer
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